

HAND TAPS

- High speed steel ground thread
- Square drive shank
- Right hand cutting direction, straight flute
- Available in taper, plug, bottoming and sets
- Bright finish

Applications:

Taps cut a thread on the inside surface of a hole, creating a female surface which functions like a nut. Well suited for a variety of ferrous & non-ferrous materials.

Taper

Used in through-holes and for starting threads.

Used in through-holes and in blind holes with space at the bottom for chip accumulation.

Used in blind holes where threads must come as close to the hole's bottom as possible



Plug

Bottoming

MACHINE SCREW SIZES - NC NATIONAL COARSE
NF NATIONAL FINE

| Fractional Size | Taper Model No. | Plug Model No. | Bottoming Model No. | Price /Each | L2" | L1" | L3" | A" | Flutes | Set of 3 taps | |
|-----------------|-----------------|----------------|---------------------|-------------|-------|---------|------|-------|--------|---------------|-------------|
| | | | | | | | | | | Model No. | Price /Each |
| 0-80 | NF | BL964 | BL965 | BL966 | 3/8 | 1 5/8 | 3/16 | 0.110 | 3 | BL963 | |
| 1-64 | NC | BL968 | BL969 | BL970 | 7/16 | 1 11/16 | 3/16 | 0.110 | 2 | BL967 | |
| 1-72 | NF | BM005 | BM006 | BM007 | 7/16 | 1 11/16 | 3/16 | 0.110 | 3 | BM004 | |
| 2-56 | NC | BL972 | BL973 | BL974 | 1/2 | 1 3/4 | 3/16 | 0.110 | 3 | BL971 | |
| 2-64 | NF | BM009 | BM010 | BM011 | 1/2 | 1 3/4 | 3/16 | 0.110 | 3 | BM008 | |
| 3-48 | NC | BL976 | BL977 | BL978 | 9/16 | 1 13/16 | 3/16 | 0.110 | 3 | BL975 | |
| 3-56 | NF | BM013 | BM014 | BM015 | 9/16 | 1 13/16 | 3/16 | 0.110 | 3 | BM012 | |
| 4-40 | NC | BL980 | BL981 | BL982 | 5/8 | 1 7/8 | 3/16 | 0.110 | 3 | BL979 | |
| 4-48 | NF | BM017 | BM018 | BM019 | 5/8 | 1 7/8 | 3/16 | 0.110 | 3 | BM016 | |
| 5-40 | NC | BL984 | BL985 | BL986 | 11/16 | 1 15/16 | 3/16 | 0.110 | 3 | BL983 | |
| 5-44 | NF | BM021 | BM022 | BM023 | 11/16 | 1 15/16 | 3/16 | 0.110 | 3 | BM020 | |
| 6-32 | NC | BL988 | BL989 | BL990 | 11/16 | 2 | 3/16 | 0.110 | 3 | BL987 | |
| 6-40 | NF | BM025 | BM026 | BM027 | 11/16 | 2 | 3/16 | 0.110 | 3 | BM024 | |
| 8-32 | NC | BL992 | BL993 | BL994 | 3/4 | 2 1/8 | 1/4 | 0.131 | 4 | BL991 | |
| 8-36 | NF | BM029 | BM030 | BM031 | 3/4 | 2 1/8 | 1/4 | 0.131 | 4 | BM028 | |
| 10-24 | NC | BL996 | BL997 | BL998 | 7/8 | 2 3/8 | 1/4 | 0.152 | 4 | BL995 | |
| 10-32 | NF | BM033 | BM034 | BM035 | 7/8 | 2 3/8 | 1/4 | 0.152 | 4 | BM032 | |
| 12-24 | NC | BM001 | BM002 | BM003 | 15/16 | 2 3/8 | 9/32 | 0.165 | 4 | BL999 | |
| 12-28 | NF | BM037 | BM038 | BM039 | 15/16 | 2 3/8 | 9/32 | 0.165 | 4 | BM036 | |

FRACTIONAL SIZES - NC NATIONAL COARSE
NF NATIONAL FINE

| Fractional Size | Taper Model No. | Plug Model No. | Bottoming Model No. | Price /Each | L2" | L1" | L3" | A" | Flutes | Set of all 3 taps | |
|-----------------|-----------------|----------------|---------------------|-------------|---------|---------|--------|-------|--------|-------------------|-------------|
| | | | | | | | | | | Model No. | Price /Each |
| 1/4-20 | NC | BL843 | BL844 | BL845 | 1 | 2 1/2 | 5/16 | 0.191 | 4 | BL842 | |
| 1/4-28 | NF | BL905 | BL906 | BL907 | 1 | 2 1/2 | 5/16 | 0.191 | 4 | BL904 | |
| 5/16-18 | NC | BL847 | BL848 | BL849 | 1 1/8 | 2 23/32 | 3/8 | 0.238 | 4 | QE252 | |
| 5/16-24 | NF | BL909 | BL910 | BL911 | 1 1/8 | 2 23/32 | 3/8 | 0.238 | 4 | BL908 | |
| 3/8-16 | NC | BL851 | BL852 | BL853 | 1 1/4 | 2 15/16 | 7/16 | 0.286 | 4 | BL850 | |
| 3/8-24 | NF | BL912 | BL913 | BL914 | 1 1/4 | 2 15/16 | 7/16 | 0.286 | 4 | VE890 | |
| 7/16-14 | NC | BL855 | BL856 | BL857 | 1 7/16 | 3 5/32 | 13/32 | 0.242 | 4 | BL854 | |
| 7/16-20 | NF | BL916 | BL917 | BL918 | 1 7/16 | 3 5/32 | 13/32 | 0.242 | 4 | BL915 | |
| 1/2-13 | NC | BL859 | BL860 | BL861 | 1 21/32 | 3 3/8 | 7/16 | 0.275 | 4 | BL858 | |
| 1/2-20 | NF | BL920 | BL921 | BL922 | 1 21/32 | 3 3/8 | 7/16 | 0.275 | 4 | BL919 | |
| 9/16-12 | NC | BL863 | BL864 | BL865 | 1 21/32 | 3 19/32 | 1/2 | 0.322 | 4 | BL862 | |
| 9/16-18 | NF | BL924 | BL925 | BL926 | 1 21/32 | 3 19/32 | 1/2 | 0.322 | 4 | BL923 | |
| 5/8-11 | NC | QE253 | BL867 | BL868 | 1 13/16 | 3 13/16 | 9/16 | 0.360 | 4 | BL866 | |
| 5/8-18 | NF | BL928 | BL929 | BL930 | 1 13/16 | 3 13/16 | 9/16 | 0.360 | 4 | BL927 | |
| 3/4-10 | NC | VE860 | BL870 | BL871 | 2 | 4 1/4 | 11/16 | 0.442 | 4 | BL869 | |
| 3/4-16 | NF | BL932 | BL933 | BL934 | 2 | 4 1/4 | 11/16 | 0.442 | 4 | BL931 | |
| 7/8-9 | NC | BL873 | BL874 | BL875 | 2 7/32 | 4 11/16 | 3/4 | 0.523 | 4 | BL872 | |
| 7/8-14 | NF | BL936 | BL937 | BL938 | 2 7/32 | 4 11/16 | 3/4 | 0.523 | 4 | BL935 | |
| 1-8 | NC | BL877 | BL878 | BL879 | 2 1/2 | 5 1/8 | 13/16 | 0.600 | 4 | BL876 | |
| 1-12 | NF | BL940 | BL941 | BL942 | 2 1/2 | 5 1/8 | 13/16 | 0.600 | 4 | BL939 | |
| 1-14 | NS | BL960 | BL961 | BL962 | 2 1/2 | 5 1/8 | 13/16 | 0.600 | 4 | BL959 | |
| 1 1/8-7 | NC | QE254 | BL882 | BL883 | 2 9/16 | 5 7/16 | 7/8 | 0.672 | 4 | BL880 | |
| 1 1/8-12 | NF | BL944 | BL945 | BL946 | 2 9/16 | 5 7/16 | 7/8 | 0.672 | 4 | BL943 | |
| 1 1/4-7 | NC | BL885 | BL886 | BL887 | 2 9/16 | 5 3/4 | 1 | 0.766 | 4 | BL884 | |
| 1 1/4-12 | NF | BL948 | BL949 | BL950 | 2 9/16 | 5 3/4 | 1 | 0.766 | 4 | BL947 | |
| 1 3/8-6 | NC | BL889 | BL890 | BL891 | 3 | 6 1/16 | 1 1/16 | 0.831 | 4 | BL888 | |
| 1 3/8-12 | NF | BL952 | BL953 | BL954 | 3 | 6 1/16 | 1 1/16 | 0.831 | 4 | BL951 | |
| 1 1/2-6 | NC | BL893 | BL894 | BL895 | 3 | 6 3/8 | 1 1/8 | 0.925 | 4 | BL892 | |
| 1 1/2-12 | NE | BL956 | BL957 | BL958 | 3 | 6 3/8 | 1 1/8 | 0.925 | 4 | BL955 | |
| 1 3/4-5 | NC | BL897 | BL898 | BL899 | 3 3/16 | 7 | 1 1/4 | 1.072 | 6 | BL896 | |
| 2-4.5 | NC | BL901 | BL902 | BL903 | 3 9/16 | 7 5/8 | 1 3/8 | 1.233 | 6 | BL900 | |